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Advanced Electronic Devices, Circuits, and Signal Processing for Biomedical Sensors Application

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Message from the Guest Editor

Dear Colleagues,

Many sensing devices and related circuits for biomedical informatics and other purposes are already developed and applied in the monitoring of vital data, robotics, and analyses of tissues *in vivo*. However, most of them assume the commercial power supply. In the 21st century, we need IoT technology that should be applied to long-term monitoring of the above-mentioned issues, such as home security, private security, including vital sensing, and so on. This demand requires low-power and low-energy devices, circuits, and well-optimized software when self-powered systems are assumed.

This Special Issue aims to highlight advances in the development, testing, and modelling of materials, devices, and circuits. The Special Issue also accepts mathematical engineering, and related proposals.

Prof. Dr. Yasuhisa Omura

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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